

CLAIMS

What is claimed is:

1 1. A digital camera, comprising:
2 a photoelement array for acquiring image data;
3 a menu interface for controlling said digital camera;
4 a memory for saving said image data;
5 a processor in communication with said memory;
6 a control instrument in communication with said processor;
7 a display in communication with said processor for displaying said image data;
8 and
9 program code stored in said memory and executed by said processor using said
10 control instrument for navigating among a plurality of said image data,
11 said program code further comprising a menu navigation software
12 module for navigating a plurality of menus of said menu interface
13 using said control instrument.

1 2. The digital camera of claim 1, wherein when at least one of said
2 plurality of menus of said menu interface is activated and displayed on said display,
3 said control instrument controls selection of at least one of said elements of said
4 menu.

1 3. The digital camera of claim 1, wherein when none of said plurality of
2 menus is active and said image data is stored in said memory, said control instrument
3 controls navigation among said images stored in said memory.

1 4. The digital camera of claim 1, wherein said control instrument is a set
2 of navigational buttons.

1 5. The digital camera of claim 4, wherein said set of navigational buttons
2 comprise:

3 a left navigation button;
4 a right navigation button;
5 an up navigation button; and
6 a down navigation button.

1 6. The digital camera of claim 5, wherein said left navigation button
2 deactivates at least one of said plurality of menus which is displayed on said display
3 when said menu interface is active.

1 7. The digital camera of claim 5, wherein said up navigation button
2 distinguishes each said element of said menu sequentially up a list of said menu
3 elements when said menu interface is active.

1 8. The digital camera of claim 5, wherein said down navigation button
2 distinguishes each of said elements of said menu sequentially down a list of said menu
3 elements when said menu interface is active.

1 9. The digital camera of claim 5, wherein said up navigation button
2 navigates among attached images grouped into a logical unit when said menu interface
3 is not active and an image is displayed which is grouped into said logical unit.

1 10. The digital camera of claim 9, wherein said up navigation button
2 displays the previous image grouped into said logical unit.

1 11. The digital camera of claim 5, wherein said down navigation button
2 navigates among attached images grouped into a logical unit when said menu interface
3 is not active and an image is displayed which is grouped into said logical unit.

1 12. The digital camera of claim 11, wherein said down navigation button
2 displays the next image grouped into said logical unit

1 13. The digital camera of claim 5, wherein said left navigation button
2 navigates among said image data stored in said memory which is not in the current
3 logically grouped unit.

1 14. The digital camera of claim 13, wherein said left navigation button
2 displays the previous logically grouped unit of said image data stored in the previous
3 contiguous memory location in said memory.

1 15. The digital camera of claim 5, wherein said right navigation button
2 navigates among said image data stored in said memory which is not in the current
3 logically grouped unit.

1 16. The digital camera of claim 15, wherein said right navigation button
2 displays the next logically grouped unit of said image data stored in the next
3 contiguous memory location in said memory.

1 17. The digital camera of claim 1, further comprising:
2 means for communicating image data to a remote device.

1 18. A method for navigating among a plurality of image data using a
2 digital camera, the method comprising the steps of:
3 acquiring image data for said digital camera;
4 saving said image data in a memory;
5 displaying said image data on a display;
6 providing a menu interface for navigating a plurality of menus of said menu
7 interface, said menu interface using program code stored in said
8 memory and executed by a processor; and
9 navigating among a plurality of said image data using said menu interface.

1 19. The method of claim 18, further comprising the step of:
2 selecting at least one element of said menu when at least one of said plurality
3 of menus of said menu interface is activated and displayed.

1 20. The method of claim 18, further comprising the step of:
2 navigating among said images stored in said memory when none of said
3 plurality of menus is active and said image data is stored in said memory.

1 21. The method of claim 18, further comprising the step of:
 2 providing a plurality of navigation buttons, said plurality of navigation buttons
 3 including a left navigation button, a right navigation button, an up navigation button
 4 and a down navigation button.

1 22. The method of claim 18, further comprising the step of:
 2 communicating image data to a remote device.

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